Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A software-controlled computational component for processing input data, comprising:

(a) a control program for controlling the operation of a first computational component; [[and]]

(b) an input for input data and an output for output data, wherein each of the control program script, the input data, and the output data are expressed in a markup language, wherein the first computational component is a configurator, and wherein the input data comprises a plurality of forms, materials, macros, and prototypes;

(c) a network server operable to receive requests from a network browser and forward the request to a queue manager; and

(d) the queue manager operable to create a message queue for the transaction associated with the request and write the request to the message queue.

2-4. (Canceled)

5. (Previously Presented) The software-controlled computational component of Claim 1, wherein the output data comprises a test script and a simulated materials report.

6. (Previously Presented) The software-controlled computational component of Claim 5, further comprising:

(e) a test harness tool operable to execute the test script and provide simulated input to the configurator to produce a configurator materials report; and

(f) a difference engine operable to compare the simulated materials report against the configurator materials report to identify differences therebetween.

7. (Currently Amended) The software-controlled computational component of Claim 5, wherein the ~~machine code~~control program script comprises a plurality of tags and the plurality of tags belong to at least one of the following classes: function, control, object, procedure, condition, method, statement, and attribute.

8-9. (Canceled)

10. (Previously Presented) The software-controlled computational component of Claim 1, wherein the machine code for the queue manager is written in a markup language.

11. (Original) The software-controlled computational component of Claim 10, wherein the network server is operable to convert output from the configurator from a first markup language to a second different markup language.

12. (Original) The software-controlled computational component of Claim 11, wherein the first markup language is Extensible Markup Language and the second markup language is Hypertext Markup Language.

13. (Previously Presented) A software-controlled method for processing input data, comprising:

(a) providing input data;

(b) executing a control program which sets forth rules for processing the input data to generate output data, wherein each of the control program script, the input data, and the output data are expressed in a markup language, wherein, in the executing step, the control program is operable to simulate the operation of a configurator, and wherein the output data comprises a test script and a simulated materials report;

(c) executing the test script to produce a simulated configurator input;

(d) providing the simulated configurator input to the configurator to produce a configurator materials report; and

(e) comparing the simulated materials report against the configurator materials report to identify differences therebetween.

14-15. (Canceled)

16. (Previously Presented) The method of Claim 13, wherein the input data comprises a plurality of forms, materials, macros, and prototypes.

17-18. (Canceled)

19. (Currently Amended) The method of Claim 13, wherein the ~~machine code~~control program script comprises a plurality of tags and the plurality of tags belong to at least one of the following classes: function, control, object, procedure, condition, method, statement, and attribute.

20. (Canceled)

21. (Previously Presented) The method of Claim 20, wherein the input data is associated with a sales order and wherein the executing step comprises:

(B1) based on the input data, retrieving at least one of forms, materials, macros, and prototypes; and

(B2) determining from the input data and the at least one of forms, materials, macros, and prototypes a list of components associated with the order.

22. (Previously Presented) The method of Claim 21, further comprising:

(f) receiving the input data in a request from a network browser;

(g) converting the input data from a second markup language to a first different markup language;

(h) writing the request comprising the converted input data to a message queue, wherein the executing step is in response to the writing step (h);

(i) writing a response to the message queue, the response being associated with the output data;

(j) converting the output data from the first markup language to the second markup language; and

(k) forwarding the converted output data to the network browser.

23. (Canceled)

24. (Currently Amended) A computer readable medium comprising processor executable [[The]] machine code operable to perform the steps of Claim 13.

25. (Original) The method of Claim 22, wherein the first markup language is Extensible Markup Language and the second markup language is Hypertext Markup Language.

26. (Original) The method of Claim 20, wherein the input data comprises a requirement specification written in the markup language.

27. (Currently Amended) A computer readable medium comprising processor executable instructions to perform the steps of claim [[13]]1.

28. (Currently Amended) A software-controlled computational component for processing input data, comprising:

(a) a control program for controlling the operation of a first computational component; [[and]]

(b) an input for input data and an output for output data, wherein each of the control program script, the input data, and the output data are expressed in a markup language, wherein the first computational component is operable to simulate a second computational component, wherein the second computational component is a configurator, and wherein the output data comprises a test script and a simulated materials report;

(c) a test harness tool operable to execute the test script and provide simulated input to the configurator to produce a configurator materials report; and

(d) a difference engine operable to compare the simulated materials report against the configurator materials report to identify differences therebetween.

29. (Currently Amended) The software-controlled computational component of Claim [[30]]28, further comprising:

(e) a network server operable to receive requests from a network browser and forward the request to a queue manager; and

(f) the queue manager operable to create a message queue for the transaction associated with the request and write the request to the message queue.

30. (Currently Amended) A software-controlled method for processing input data, comprising:

(a) receiving the input data in a request from a network browser, wherein the input data is associated with a sales order;

(b) converting the input data from a second markup language to a first different markup language;

(c) writing the request comprising the converted input data to a message queue,~~providing input data~~; [[and]]

[[(b)]](d) in response to step (c), executing a control program, the control program setting ~~which sets~~ forth rules for processing the input data to generate output data, wherein each of the control program script, the input data, and the output data are expressed in a markup language, wherein the control program is a configurator~~, wherein the input data is associated with a sales order,~~ and wherein the executing step comprises the sub-steps:

[[(B1)]](D1) based on the input data, retrieving at least one of forms, materials, macros, and prototypes; and

[[(B2)]](D2) determining from the input data and the at least one of forms, materials, macros, and prototypes a list of components associated with the order;

~~(c) wherein the executing step is in response to the writing step (e);~~

[[(f)]](e) writing a response to the message queue, the response being associated with the output data;

[[(g)]](f) converting the output data from the first markup language to the second markup language; and

[[(h)]](g) forwarding the converted output data to the network browser.

31. (Canceled)

32. (Previously Presented) The method of Claim 31, wherein the output data comprises a test script and a simulated materials report.

33. (Previously Presented) The method of Claim 32, further comprising:

executing the test script to produce a simulated configurator input;

providing the simulated configurator input to the configurator to produce a configurator materials report; and

comparing the simulated materials report against the configurator materials report to identify differences therebetween.

34. (New) A software-controlled computational component for processing input data, comprising:

(a) a control program for controlling the operation of a first computational component;

(b) an input for input data and an output for output data, wherein each of the control program script, the input data, and the output data are expressed in a markup language and wherein the first computational component is a configurator;

(c) a network server operable to receive requests from a network browser and forward the request to a queue manager; and

(d) the queue manager operable to create a message queue for the transaction associated with the request and write the request to the message queue, wherein the machine code for the queue manager is written in a markup language.

35. (New) The software-controlled computational component of Claim 34, wherein the network server is operable to convert output from the configurator from a first markup language to a second different markup language.

36. (New) The software-controlled computational component of Claim 34, wherein the input data comprises a plurality of forms, materials, macros, and prototypes.

37. (New) The software-controlled computational component of Claim 34, wherein the first markup language is Extensible Markup Language and the second markup language is Hypertext Markup Language.

38. (New) The software-controlled computational component of Claim 35, wherein the control program script comprises a plurality of tags and the plurality of tags belong to at least one of the following classes: function, control, object, procedure, condition, method, statement, and attribute.